

**From:** [Denise Zeno](#)  
**To:** [Arlene Anderson](#); [Jeff Catanzarita](#)  
**Subject:** Fw: Cabo Rojo - SUMMA cansister prelims  
**Date:** 03/12/2012 03:51 PM  
**Attachments:** [Cabo 0312 VI sampling.docx](#)

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Denise Zeno  
US Environmental Protection Agency  
290 Broadway  
New York, NY 10007  
Tel: 212.637.4319  
Fax: 212.637.3083

----- Forwarded by Denise Zeno/R2/USEPA/US on 03/12/2012 03:51 PM -----

From: Rebecca Ofrane/R2/USEPA/US  
To: Denise Zeno/R2/USEPA/US@EPA  
Cc: Angela Carpenter/R2/USEPA/US@EPA, Charles Nace/R2/USEPA/US@EPA, Mel Hauptman/R2/USEPA/US@EPA, Michael Sivak/R2/USEPA/US@EPA, Michael Moltzen/R2/USEPA/US@EPA  
Date: 03/12/2012 03:43 PM  
Subject: Re: Fw: Cabo Rojo - SUMMA cansister prelims

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Denise,  
Here is a summary based on these Summa canister results.

**Building S2** had 6 subslab and 2 indoor air samples. Two SS samples had exceedances of TCE and PCE over EPA's screening values, for both cancer and noncancer. However, the indoor air samples had very low detections, with PCE exceeding ATSDR's screening level of 0.2 ug/m<sup>3</sup> in one of them by an order of magnitude. Other SS locations had low detections of PCE. The VI Pathway here appears to be incomplete, but SS levels indicate justification for ongoing sampling.

**Building DEC** had 5 SS, 3 indoor, and 1 ambient sample. One SS sample exceeded screening values for PCE, but none was detected in indoor air. Other SS locations had low detections of PCE, and one had a low detection of TCE. The VI pathway here appears to be incomplete.

**Building CRPDC** had 3 SS, 2 indoor air, and 1 ambient sample. All three SS samples exceeded EPA's screening values for PCE and TCE. The PCE exceeded the 10<sup>-4</sup> screening level (9,400 ug/m<sup>3</sup>), ranging from 104,000 to 692,000 ug/m<sup>3</sup>. Indoor air samples had only low detections of PCE, lower than ambient air. It appears that ventilation systems are adequate here, though sampling should continue based on SS levels.

**Building EQP/Headstart** had 10 SS samples, no indoor air. 9 of the 10 samples had exceedances of PCE over EPA's 10<sup>-6</sup> screening level, with one sample location over the 10<sup>-4</sup> screening level. TCE also had exceedances, as well as other low levels of VOCs. Also, SS10 had a low detection of PCE that did not exceed screening levels, but Toluene at this location was detected at 131,000 ug/m<sup>3</sup>. As the VI pathway here is suspected to be complete based on previous sampling, indoor air samples should be confirmed as soon as possible, and EPA should be prepared to take action and install mitigation systems if necessary.

Please let me know if you'd like to discuss or if you have any questions. As Chuck mentioned in his previous assessment, Michael and Angela should weigh in on the results to ensure consistency.

Thanks,  
Becky Ofrane  
U.S. EPA Region 2 | Superfund Risk Assessment  
(212) 637 4302  
ofrane.rebecca@epa.gov

-----Denise Zeno/R2/USEPA/US wrote: -----

To: Rebecca Ofrane/R2/USEPA/US@EPA  
From: Denise Zeno/R2/USEPA/US  
Date: 03/09/2012 04:07PM  
Cc: Charles Nace/R2/USEPA/US@EPA, Michael Sivak/R2/USEPA/US@EPA, Angela Carpenter/R2/USEPA/US@EPA, Mel Hauptman/R2/USEPA/US@EPA  
Subject: Fw: Cabo Rojo - SUMMA cansister prelims

figures will follow in separate email

-----Forwarded by Denise Zeno/R2/USEPA/US on 03/09/2012  
04:06PM -----

=====  
To: Arlene Anderson/R2/USEPA/US@EPA, Denise Zeno/R2/USEPA/US@EPA  
From: "Cartwright, Michael W" <michael.w.cartwright@lmco.com>  
Date: 03/09/2012 01:00PM  
Cc: Jeff Catanzarita/ERT/R2/USEPA/US@EPA  
Subject: Cabo Rojo - SUMMA cansister prelims  
=====

Arlene and Denise,  
Attached are the rest of the SUMMA canister prelims for the Cabo Rojo site. Please let me know if you haven't received copies of the maps for this sampling event, and I will provide you with them.  
Thanks,  
Mike

Michael W. Cartwright  
Lockheed Martin - SERAS  
2890 Woodbridge Ave.  
Edison, NJ 08837  
732.321.4284

-----Original Message-----

From: Beauchaine, Benjamin P  
Sent: Friday, March 09, 2012 11:15 AM  
To: catanzarita.jeff@epa.gov; Cartwright, Michael W  
Cc: Depasquale, Geraldine M; Kansal, Vinod C; Killeen, Deborah A; Miller, Dennis A; Raj Singhvi  
Subject: Emailing: SERAS-130-DLP-030912.xlsx, WA#0-130 Cabo Rojo TO-15 Prelims 34 Airs 030912.PDF

Preliminary results for the TO-15 analysis of 34 air samples received from the Cabo Rojo Site (WA# 0-130) on 03/05/12.

Ben Beauchaine  
Chemist Senior

Lab: (732) 321-4394  
Office: (732) 494-4006  
Cell: (714) 417-7628

Your message is ready to be sent with the following file or link attachments:

SERAS-130-DLP-030912.xlsx  
WA#0-130 Cabo Rojo TO-15 Prelims 34 Airs 030912.PDF

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[attachment "SERAS-130-DLP-030912.xlsx" removed by Rebecca Ofrane/R2/USEPA/US]

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Rebecca Ofrane/R2/USEPA/US]

